

CO150015  
Outgoing  
OK

Page 1 of 1

## OGMCOAL - Emery Deep WQ: Monitoring Wells

---

**From:** Steve Christensen  
**To:** Ian McClain  
**Date:** 6/24/2010 5:44 PM  
**Subject:** Emery Deep WQ: Monitoring Wells  
**CC:** John Gefferth; OGMCOAL

---

Ian,

I'm almost done going through all the wells and it's the same story as the springs. Every well in your monitoring program has either quarters where nothing is entered or there's an entry, but no explanation as to why there's no accompanying data. Like I said on the phone, I can't assume what's going on out there (i.e. the well is dry or there's not enough flow to obtain a sample). There are codes such as NOF- 'no observable flow' that can be entered in those instances. In addition, there's also a COMMENTS section where the sampler can explain what the encountered condition was in the field. From here on, please make sure that every required monitoring site has an entry each quarter and that if there's some reason why the required data can't be obtained, put a note in the comments section or enter the appropriate code or preferably, both.

I spoke with Jim and he indicated that if the site has no entry for a given quarter, you can go ahead and input that data on your end and the database will insert it chronologically on it's own into the rest of the data-set. As for sites with a date entry and no data, no explanation etc., I'll have to look into that more next week as to how we'll fix that so that somebody looking at the data can figure out what's going on.

Like I said, I'm almost done going through all the well data, but it's taken a lot longer than I thought it was going to. It gotta get out of the office so I'll get a list of data deficiencies off to you on Monday, but until then, I'd strongly recommend that you start entering in the missing data entries as soon as possible.

Just a reminder that the data for 1st quarter '09 is due in the pipeline by next Wednesday. I just looked and it wasn't in there yet.

We didn't discuss it this morning, but what's the status of the Emery Town well reports? John indicated that Richard et. al at Earthfax were busy with the spill. Let me know when I can expect to see the three reports documenting the ground-water relative to the Emery wells.

Lots to do with this WQ business, but we'll get it sorted through eventually. ;)

Have fun this weekend.  
Steve

Steve Christensen  
Environmental Scientist III  
Utah Division of Oil, Gas and Mining  
(801) 538-5350